Natural Nucleus Error Messages NAT0251-NAT0300

NAT0251: File/DDM not defined for PROCESS statement.

Text	File/DDM not defined for PROCESS statement.
Actn.	Check program and correct error.

NAT0252: Library must not be specified in security environment.

Text	Library must not be specified in security environment.
Expl.	In an environment which is protected by Natural Security, the specification of a library is not possible.
Actn.	Do not specify a library.

NAT0253: Statement not allowed for DB2 access.

Text	Statement not allowed for DB2 access.
Expl.	The following statements and constructions are not supported by DB2: 1. FIND UNIQUE 2. FIND COUPLED 3. FIND FIRST 4. FIND ... RETAIN AS 5. GET 6. any reference to *ISN 7. END TRANSACTION within an open database loop 8. BACKOUT TRANSACTION within an open database loop
Actn.	Correct error in program.

NAT0254: Receiving field of VAL function has invalid format.

Text	Receiving field of VAL function has invalid format.
Expl.	The format and length must be the same as that of the target. This mathematical function extracts the numeric value from an alphanumeric field. The content of the alphanumeric field must be the charcter representation of a numeric value. Leading or trailing blanks are permitted. Decimal point and leading sign character will be processed.
Actn.	Do not use formats A (alphanumeric) or B (binary).

NAT0255: General syntax error detected in program.

Text	General syntax error detected in program.
Expl.	A general syntax error was detected while syntax checking a source program. This message is output for various miscellaneous syntax errors for which Natural does not provide specific error messages.
Actn.	Check program and correct error.

NAT0256: Invalid entry in command line.

Text	Invalid entry in command line.
Expl.	The structure of the command does not require the parameters that have been specified in the command line. Natural checks that the parameter specification agrees with the parameter structure expected by the individual command. Another reason for this error is that ADHOC is missing in batch mode.
Actn.	Check command structure and resubmit.

NAT0257: Only operators 'EQUAL', 'NOTEQUAL' valid with MASK/SCAN.

Text	Only operators 'EQUAL', 'NOTEQUAL' valid with MASK/SCAN.
Expl.	It is not possible to evaluate the operators GREATER or LESS THAN for a value when only certain positions are included in the comparison. Therefore, the only logical operator that are allowed with the special compare function MASK and SCAN are 'EQUAL' and 'NOTEQUAL'.
Actn.	Restructure the logical criteria to only use operators 'EQUAL' or 'NOTEQUAL' with the functions MASK and SCAN.

NAT0258: Incorrect MASK argument construction.

Text	Incorrect MASK argument construction.
Expl.	The mask value must be enclosed in parentheses and may only contain the elements as described in the Natural Reference documentation (see also extended error message NAT0017).
Actn.	Check program and correct error.

NAT0259: Invalid MASK construction for date check.

Text	Invalid MASK construction for date check.
Expl.	When a date check is to be performed, the specification for month/day/year must be 2 characters each (MM/DD/YY); for year, 4 characters (YYYY) may also be used.
Actn.	Check program and correct error.

NAT0260: Error in text list construction; contact administrator.

Text	Error in text list construction; contact administrator.
Expl.	A discrepancy was detected in the number of alternative entries in the text list and the syntax list. The error is caused by an invalid modification of the text list. New entries can only be inserted in the text list by using the macro CSYN for synonym, not the macro CALT for alternative.
Actn.	Retain the keyword on which the error has been detected and contact your Natural administrator.

NAT0261: END statement missing.

Text	END statement missing.
Expl.	The last statement of a Natural program must always be END. Alternatively, a period '.' may be used.
Actn.	Check program and correct error.

NAT0262: Incorrect number of digits/value out of range.

Text	Incorrect number of digits/value out of range.
Expl.	For a field of format N or P, the overall maximum number of digits is 29, and the maximum number of digits after the decimal point is 7. For a field of format F the value specified must be in the range of values as described in the Natural Reference documentation, section General Information, section Floating Point Constants
Actn.	Correct error in program.

NAT0263: Invalid MASK construction for range check.

Text	Invalid MASK construction for range check.
Expl.	If a range check is to be performed, both values for the supplied range must have the same number of positions. Leading zeros must be supplied, as it is a check for positions in the value and the number of digits supplied in the range value. The number of positions to be included in the range check must also be specified.
Actn.	Check program and correct error.

NAT0264: Length of alphanumeric constant 0 or > 253 characters.

Text	Length of alphanumeric constant 0 or > 253 characters.
Expl.	The length of an alphanumeric constant must be from 1 to 253 characters.
Actn.	Check program and correct error.

NAT0265: Odd number of hexadecimal characters specified.

Text	Odd number of hexadecimal characters specified.
Expl.	Hexadecimal notation for literal constants requires that 2 characters be used to represent the content of 1 byte internally. Consequently, a hexadecimal notation must contain an even number of characters.
Actn.	Correct error.

NAT0266: Number of bytes defined by hexadecimal constant > 80.

Text	Number of bytes defined by hexadecimal constant > 80.
Expl.	Hexadecimal constants are converted to internal byte representation in an intermediate buffer of 80 bytes. If literal constants of more than 80 bytes internal representation are to be defined, use the notation 'XXXXXX'-'XXXXXX' to enter the value in multiple segments.
Actn.	Check program and correct error.

NAT0267: Invalid file specification in COUPLED clause.

Text	Invalid file specification in COUPLED clause.
Expl.	The file specified in a COUPLED clause must be an Adabas file which has been physically coupled using the appropriate Adabas utility program. The file must not be a logical Natural system file.
Actn.	Check program and correct error; or contact your Natural administrator about the file status.

NAT0268: Invalid format/length for database count variable.

Text	Invalid format/length for database count variable.
Expl.	The format of the count variable for a periodic-group name or multiple-value field must be N or P. No decimal digits are permitted.
Actn.	Check program and correct error.

NAT0269: Invalid descriptor in SORTED BY clause.

Text	Invalid descriptor in SORTED BY clause.
Expl.	The descriptor specified in the SORTED BY clause cannot be within a periodic group. If the descriptor is a multiple-value field, an index value must not be used.
Actn.	Check program and correct error.

NAT0270: Invalid use of variable index notation.

Text	Invalid use of variable index notation.
Expl.	Variable index notation is not permitted with a search variable in the WITH clause of a FIND statement.
Actn.	Check program and correct error.

NAT0271: Page width (line size) exceeded in DISPLAY statement.

Text	Page width (line size) exceeded in DISPLAY statement.
Expl.	The total number of positions required for all columns resulting from a DISPLAY statement must not exceed the logical page size.
Actn.	Reduce number of fields being displayed, or reduce spacing between columns, or increase the logical page size (where applicable), or place multiple values vertically in the same column.

NAT0272: Invalid value format or incompatible field format.

Text	Invalid value format or incompatible field format.
Expl.	In a SCAN operation, the format of the value to be scanned for must be 'A' or 'B'; the format of the field to be scanned must be 'A', 'N' or 'P'. The length of the value must be less than the length of the field. The format combination in a WHERE, IF, ACCEPT, REJECT criterion is incompatible.
Actn.	Check program and correct error.

NAT0273: Error :1: in line :2: of data area :3: processing :4:.

Text	Error ... in line ... of data area ... processing ....
Expl.	As indicated in the error message, an error has occurred in a specific line of a data area while processing a variable.
Actn.	Correct error in data area.

NAT0274: Error :1: in line :2: of copycode :3: processing :4:.

Text	Error ... in line ... of copycode ... processing ....
Expl.	As indicated in the error message, an error has occurred in a specific line of a copycode while processing a variable.
Actn.	Correct error in copycode.

NAT0275: RETRY statement only allowed in ON ERROR statement block.

Text	RETRY statement only allowed in ON ERROR statement block.
Expl.	The RETRY statement can only be used as a response to error NAT3145, which indicates that a record to be read for update is currently in 'hold' status for another user.
Actn.	Check program and correct error.

NAT0276: Invalid reference to count of field in periodic group.

Text	Invalid reference to count of field in periodic group.
Expl.	When referencing the count of the number of occurrences of an elementary field within a periodic group, the name of the periodic group must be used, not the the name of the elementary field.
Actn.	Check program and correct error.

NAT0277: A global variable must not redefine another variable.

Text	A global variable must not redefine another variable.
Expl.	For reasons of addressability, parameter variables must not be defined by redefining an already existing variable.
Actn.	Check program and correct error.

NAT0278: Value to be used in SET CONTROL must be format 'A'.

Text	Value to be used in SET CONTROL must be format 'A'.
Expl.	The value (constant or variable) used to specify a terminal command with a SET CONTROL statement must be alphanumeric.
Actn.	Check program and correct error.

NAT0279: Count requested for a non-array field.

Text	Count requested for a non-array field.
Expl.	The count field only exists for database fields that are defined as multiple-value fields, periodic groups, or multiple-value fields within a periodic group. If the count of a multiple-value field within a periodic group is to be accessed, an index must be specified to indicate the occurrence of the multiple-value field in the periodic group for which the count is being requested. The field for which you have requested a count of occurrences is neither a multiple-value field nor a periodic group.
Actn.	Check program and correct error.

NAT0280: Index entry incorrectly specified for field.

Text	Index entry incorrectly specified for field.
Expl.	An index was specified for a variable for which indexing is not permitted. Index specifications may only be used when defining/referencing an array. A database array can only be defined for a multiple-value field and for fields within a periodic group. When referencing an array, an index range specification was detected which exceeds the index range defined for one of its dimensions.
Actn.	Check program and correct error.

NAT0281: Index entry missing or invalid for an array.

Text	Index entry missing or invalid for an array.
Expl.	When a multiple-value field or a field within a periodic group is referenced, an index must be specified to indicate the occurrence of the value to be selected. Default indices are created in WRITE or DISPLAY statements based on the setting of the session parameters MC and PC. A variable to be used as a variable index must have been previously defined before it can be used as an index notation. If a non-database field has been defined as an array, an index for each dimension must be specified when referencing the field.
Actn.	Check program and correct error.

NAT0282: Only one index/range specification allowed.

Text	Only one index/range specification allowed.
Expl.	For multiple-value fields, or fields within a periodic group, only one index or range of indices may be specified. Two indices are only allowed for multiple-value fields within a periodic group.
Actn.	Check program and correct error.

NAT0283: Field or variable defined more than once.

Text	Field or variable defined more than once.
Expl.	A variable or database field can only be defined once using a format/length specification. When the variable is referenced in the program, no further format/length specification is possible.
Actn.	Check program and correct error.

NAT0284: Field in WHERE clause/UPDATE/STORE not in current file.

Text	Field in WHERE clause/UPDATE/STORE not in current file.
Expl.	The WHERE clause and the statements UPDATE and STORE only allow reference to fields that are derived from the file that is accessed via the current database access statement. Do not use a specific reference for fields in a WHERE clause or on the left side of a SET (WITH) clause within an UPDATE/STORE statement.
Actn.	Check program and correct error.

NAT0285: Field reference error; reference invalid or missing.

Text	Field reference error; reference invalid or missing.
Expl.	Probable reasons for this error message: - You mistyped the variable name. - The variable name you specified has not yet been declared. - A specific database reference has been supplied, but the field is not present in the file referenced. - The value of a Natural system function has been referenced in the form *FUNCTION(FIELD), but no evaluation of the referenced system function has occurred for the field.
Actn.	Check program and correct error.

NAT0286: Invalid usage of system function or system variable.

Text	Invalid usage of system function or system variable.
Expl.	Natural system functions and Natural system variables may only be used in specific statement syntax within a Natural program. The value of a system function or system variable may be assigned to a variable and then referenced. In an INPUT statement, most system functions can only be used as output fields, not as input fields. The only system variable that can be used as an argument in the system function POS is *COM. For further information on Natural system variables and Natural system functions, please refer to the Natural Reference documentation.
Actn.	Correct error in program.

NAT0287: No access to database field; or REDEFINE variable exists.

Text	No access to database field; or REDEFINE variable exists.
Expl.	Either the access to a database field is not possible at this point; or a variable to be used in a REDEFINE statement has previously been defined. A database field can only be referenced within an active processing loop. If the loop has been closed, a reference to fields from that database access is no longer possible. If you wish to use a value of a database field outside an active processing loop, assign the value to a user-defined variable. This error also occurs if a 4-digit array occurrence is incorrectly specified. 4-digit array occurrences must be preceded by a slash; for example, #ARRAY(/1000), not #ARRAY(1000).
Actn.	Correct error in program.

NAT0288: Index/format not permitted in Natural system function.

Text	Index/format not permitted in Natural system function.
Expl.	Format or length must not be specified for the reference to a Natural system function that had been previously evaluated nor for the reference to a Natural system variable.
Actn.	Check program and correct error.

NAT0289: Referenced field is not a descriptor.

Text	Referenced field is not a descriptor.
Expl.	The reference to a database field at this point requires that the field is a descriptor. Descriptors are required in the WITH clause of a FIND statement, as sequence fields in a READ LOGICAL statement, or when indicating the field for which values are to be provided in a HISTOGRAM statement. Under Adabas Version 5, this error also occurs if a field that is marked in the DDM as 'non-descriptor' is used as search variable in a READ or HISTOGRAM statement.
Actn.	Correct error in program.

NAT0290: Sub/super/hyper/phonetic descriptor field improperly used.

Text	Sub/super/hyper/phonetic descriptor field improperly used.
Expl.	- Under Adabas 4, the following applies: The value for a sub-, super- or phonetic descriptor cannot be read from the database because they do not represent data values in a record but exist only as descriptor values. To read values for a sub- or superdescriptor, use a HISTOGRAM statement. Phonetic descriptors cannot be read. - Under Adabas 5, the following applies: The value for a phonetic descriptor cannot be read.
Actn.	Correct error in program; or use Adabas Version 5 instead of 4.

NAT0291: Format for database field incompatible.

Text	Format for database field incompatible.
Expl.	The format used for a database field is not compatible with the format of the field as defined in the data dictionary.
Actn.	Check program and correct error.

NAT0292: Requested integer field is not an integer.

Text	Requested integer field is not an integer.
Expl.	An integer value is required for this operation. An integer value may be defined either by a numeric integer constant or by the contents of a numeric integer variable or database field.
Actn.	Check program and correct error.

NAT0293: Index range entry specified where not allowed.

Text	Index range entry specified where not allowed.
Expl.	A single index entry is required for this type of function; an index range is not permitted. Single index entries are required, for example, in the WITH clause of a FIND statement to indicate a specific occurrence of a periodic group field, or to specify the descriptor to be used for sequence control in a READ LOGICAL statement.
Actn.	Check program and correct error.

NAT0294: Intermediate storage overflow in arithmetic statement.

Text	Intermediate storage overflow in arithmetic statement.
Expl.	An overflow of an internal stack has occurred during the evaluation of an arithmetic expression. The internal stack is used to sequence the execution of arithmetic operations according to the parenthetical structure.
Actn.	Reduce the number of operations to be performed within a single arithmetic operation.

NAT0295: Operand in arithmetic statement is not numeric.

Text	Operand in arithmetic statement is not numeric.
Expl.	Only operands of format 'N' (numeric unpacked) or 'P' (packed numeric) are allowed in arithmetic expression. A numeric operand can be defined as a constant or as the content of a variable.
Actn.	Check program and correct error.

NAT0296: Invalid search criteria in FIND statement.

Text	Invalid search criteria in FIND statement.
Expl.	When evaluating complex search criteria, such as one with logical operator 'OR', several separate database calls may be required. For a single FIND statement, a maximum of 64 database calls can be generated internally.
Actn.	Reduce the number of search criteria.

NAT0297: Exponent in exponentiation must be integer or floating point.

Text	Exponent in exponentiation must be integer or floating point.
Expl.	Exponentiations can only be performed with integer or floating point exponents, as the exponents are evaluated by repeated multiplication.
Actn.	Correct error in program.

NAT0298: Incorrect parameters specified in SET KEY statement.

Text	Incorrect parameters specified in SET KEY statement.
Expl.	A push-button (PB=), menu (ME=), or bitmap (BM=) clause was detected in a SET KEY statement, but the corresponding parameters were incorrectly specified.
Actn.	Refer to Natural GUI documentation for detailed information.

NAT0299: Total length of intermediate result exceeds 31 digits.

Text	Total length of intermediate result exceeds 31 digits.
Expl.	Natural supports operands up to a length of 31 digits. The length of intermediate results as operands is evaluated according to the rules for arithmetic operations. See Natural Reference documentation, General Information, for details.
Actn.	Check the digits of intermediate results according to the rules. Separate the arithmetic expression into several statements using explicit intermediate results.

NAT0300: Operands are not data transfer compatible.

Text	Operands are not data transfer compatible.
Expl.	Due to the format rules for data transfer, the source operand cannot be assigned to the destination field. For more information, please refer to your Natural reference documentation, section "General Information", topic "Rules for Arithmetic Assignment".
Actn.	Check program and correct error.